

Practice: 601 - Vegetative Barriers**Scenario: #1 - Vegetative Barrier: 3-5 ft wide****Scenario Description:**

Permanent strips of stiff, dense vegetation established along the general contour of slopes or across concentrated flow areas.

Before Situation:

Significant erosion is occurring resulting in substantial transport of sediment across the slope or concentrated flow areas. A large amount of sediment is subsequently delivered to the edge of the field and/or waterways.

After Situation:

A strip or strips of stiff, dense vegetation three to five feet wide is/are established along the general contour of the slope or across concentrated flow areas that effectively settles a significant amount of sediment above the leading edge of the vegetative barrier. Barrier may also help to connect green areas to provide shelter for wildlife.

Scenario Feature Measure: Linear feet of practice installed

Scenario Unit: Linear Feet

Scenario Typical Size: 1,000

Scenario Cost: \$9.15

Scenario Cost/Unit: \$0.01

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation						
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$18.24	0.0918	\$1.67
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.52	0.0918	\$0.87
Materials						
One Species, Warm Season, Native Perennial Grass	2322	Native, warm season perennial grass. Includes material and shipping only.	Acre	\$65.98	0.1	\$6.60

Practice: 601 - Vegetative Barriers**Scenario: #2 - Vegetative Barrier: >5 ft wide****Scenario Description:**

Permanent strips of stiff, dense vegetation established along the general contour of slopes or across concentrated flow areas.

Before Situation:

Significant erosion is occurring resulting in substantial transport of sediment across the slope or concentrated flow areas. A large amount of sediment is subsequently delivered to the edge of the field and/or waterways.

After Situation:

A strip or strips of stiff, dense vegetation greater than five feet wide is/are established along the general contour of the slope or across concentrated flow areas that effectively settles a significant amount of sediment above the leading edge of the vegetative barrier. Barrier may also help to connect green areas to provide shelter for wildlife. A strip of land 5-10 feet wide is taken out of crop production.

Scenario Feature Measure: Linear feet of practice installed

Scenario Unit: Linear Feet

Scenario Typical Size: 1,000

Scenario Cost: \$61.19

Scenario Cost/Unit: \$0.06

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation						
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$18.24	0.1837	\$3.35
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.52	0.1837	\$1.75
Foregone Income						
FI, Rice	1974	Rice is Primary Crop	Acre	\$553.10	0.0459	\$25.39
FI, Sorghum Dryland	1971	Dryland Sorghum is Primary Crop	Acre	\$111.73	0.0459	\$5.13
FI, Cotton Dryland	1967	Dryland Cotton is Primary Crop	Acre	\$124.79	0.0459	\$5.73
FI, Soybeans Dryland	1961	Dryland Soybeans is Primary Crop	Acre	\$202.38	0.0459	\$9.29
Materials						
One Species, Warm Season, Native Perennial Grass	2322	Native, warm season perennial grass. Includes material and shipping only.	Acre	\$65.98	0.16	\$10.56